smart

robust

data sheet

hp LaserJet 4100 series
intelligent printers

HP LaserJet 4100 Series workgroup printers deliver the highest value in their class, with more speed, more capacity, and new "intelligent" printer-management features.

ease-of-use

- standardized, easy-to-follow printer installer now available for all hp LaserJet printers
- managing your network has never been easier with hp web jetadmin, job accounting solutions, and other analysis systems that put you in control
- high paper and toner capacity and new "shake-free" print cartridge minimizes interaction with the printer
- make an easy decision by selecting the best hp customer support and service plan that matches your company's strategy for equipment maintenance

dependable

- fast printing—25 pages-per-minute—zips through peak workgroup demand, including complex, graphics-filled documents
- proven hp LaserJet technology with extended duty cycle—150,000 pages per month —produces quality documents and stands up to high usage
- productivity-boosting options include an additional 500-sheet stackable paper tray and automatic duplexing
- designed to seamlessly print your existing hp LaserJet 4000/4050 series jobs

intelligent

- reduce time spent resolving printing issues with e-mail alerts that inform network managers and/or users of problems when they happen and provide real-time solutions
- remote printer management and configuration options using Netscape or Microsoft web browsers
- automatic e-mail notification of printer and supplies status, plus convenient links for online supplies ordering through an embedded web server

hp® invent

the hp advantage

Utilize the power of the Internet with dynamic new tools from HP. Manage your business critical information smarter, faster, and easier with our intelligent appliances—digital solutions expanding your success in the e-world.

the improved industry standard for workgroup printing

control panel
two-line backlit LCD display provides simple step-by-step problem resolution

hp LaserJet 4100dtn shown

multipurpose tray
perfect for envelopes and special media types

500-sheet paper tray
handles letter, legal, A4, A5, executive

duplex printing accessory
saves paper and money by allowing you to print on both sides of a page and handle booklet printing

embedded web server
allows e-mail alerts and sends users remote printer management updates

additional 500-sheet paper tray
use multiple paper types without changing trays (1100-sheet input capacity)

150,000 page-per-month duty cycle
handles your business printing needs

smart cartridge with e-label chip
works with the printer and software to monitor toner and print optimum output every time

true 1200 dpi quality
produces highest quality documents at full engine speed

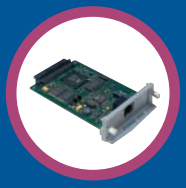
fast 25 page-per-minute print speed
12 seconds first page out reduces waiting

250 MHz processor
quickly processes large files

EIO disk drive
enables the storing of fonts, forms, or use of walk-up printing features

memory expansion slots
expandable to 256 MB

print-to-mail
eliminates the laborious folding, stuffing, and sealing of billing statements, checks, and other office mailings



hp jetdirect 610n internal print server
connects printers to your network anywhere in the office and enables printer management through hp web jetadmin

hp fast IR receiver
allows mobile users wireless walk-up printing from PDAs, laptops, palmtops, handheld scanners, even digital cameras

stackable 500-sheet paper tray
brings total paper handling capacity to a maximum of 1600 sheets

intelligent printing

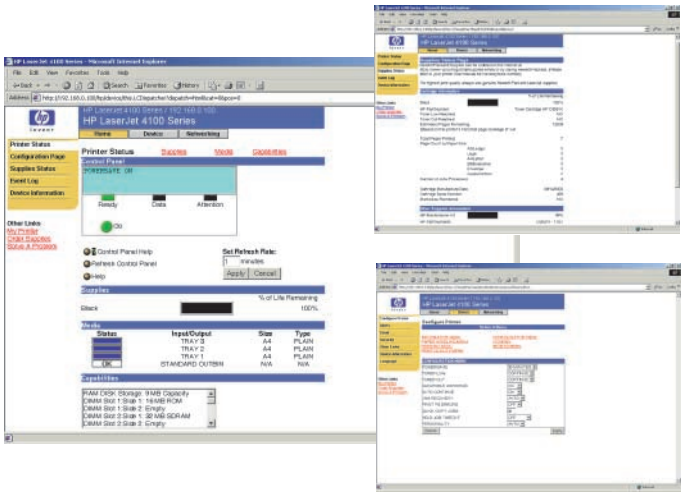
HP LaserJet 4100 Series printers are HP's most advanced, user-friendly workgroup printers. Unique communication features make it easier to set up and manage printer operation, minimize the need for user intervention, and take the guesswork out of printer status and printing supplies levels.

browser-compatible printer management

Users no longer have to wait for help with printer set-up and operation. Users on the network can easily communicate remotely with the HP LaserJet 4100 Series printer using a standard web browser. No special software is needed.

automatic e-mail alerts

HP LaserJet 4100 Series printers can be programmed to send preconfigured notifications of printer problems and job status via e-mail to designated recipients on the network. For example, the printer can send a printing supplies alert, permitting a new smart cartridge to be acquired in time to prevent unnecessary printer downtime. The e-mail notice even provides a hot link for ordering printing supplies via the Internet.



smart components

The HP smart print supplies system is activated every time you put a HP smart print cartridge in your HP LaserJet printer. Each HP smart print cartridge features its own smart chip. This chip helps measure and report toner levels, provide usage information, and assure job completion. The HP cartridge, printer, and software are designed to work together—allowing you to monitor your current supplies, order new supplies, and print successfully every time.

selecting the right hp LaserJet 4100 printer

hp LaserJet 4100 (base unit)

- 25 ppm
- 16 MB memory
- 600-sheet input capacity

hp LaserJet 4100n

- base unit plus:
- 16 MB memory (32 MB total)
- 10/100 Base-TX internal print server

hp LaserJet 4100tn

- base unit plus:
- 16 MB memory (32 MB total)
- 10/100 Base-TX internal print server
- 500-sheet paper tray (1100-sheet input capacity)

hp LaserJet 4100dtn

- base unit plus:
- 16 MB memory (32 MB total)
- 10/100 Base-TX internal print server
- 500-sheet paper tray (1100-sheet input capacity)
- duplex printing accessory

technical specifications

hp LaserJet 4100 series printers
25 ppm
250 MHz RISC microprocessor
Instant-on fuser provides first page out in less than 12 seconds
Up to 150,000-page-per-month duty cycle
Internal EIO expansion slots
HP smart print cartridge (10,000-page)
HP Jetsend enabled
HP PCL6, HP PCL 5e, and PostScript 3 emulation
Memory 16 MB RAM (4100) or 32 MB RAM (4100n, 4100tn, 4100dtn), All upgradeable to 256 MB of SDRAM memory
HP Transmit Once for reduced network traffic
Maser (RIP once) in RAM enables multiple original prints
Memory Enhancement technology (MEt)
Resolution Enhancement technology (REt)

resolution
HP FastRes 1200** (1200 dpi quality) at engine speed
HP ProRes 1200 (1200 x 1200 dpi at 25 ppm)
Economode for improved print quality over regular dpi selections
600 x 600 dpi at engine speed
**Default setting

paper handling
Up to four input bins, 1,600-sheet total capacity
300-sheet standard output capacity (250-sheet face-down, 50-sheet face-up) with output full sensor
Straight-through paper path
HP Jetassist connector for easy installation of paper handling accessories
Paper level indicators
Optional 500-sheet feeder supporting all sizes from A5 to legal and custom sizes
Optional auto-duplex unit for two-sided printing
Optional 75-envelope power feeder
Optional HP LaserJet print-to-mail accessory
HP LaserJet 4100 and 4100n printers:
Tray 1: 100-sheet/10-envelope multipurpose tray for automatic and Manual feeding of envelopes, labels, transparencies and other special Media; 3 x 5 in to legal size
Tray 2: 500-sheet input tray for letter, A4 through legal, and custom sizes
HP LaserJet 4100tn and 4100dtn printers:
Tray 1: 100-sheet/10-envelope multipurpose tray for automatic and Manual feeding of envelopes, labels, transparencies and other special Media; 3 x 5 in to legal size
Tray 2 and Tray 3: 500-sheet input tray for letter, A4 through legal, and custom sizes

media types
Copier, bond, special application, and recycled papers. Transparencies and labels designed for laser printers
Multipurpose tray: 16 to 53 lb (60 to 198 g/m2)
500-sheet trays: 16 to 28 lb (60 to 105 g/m2)
Optional envelope feeder and tray 1: 20 to 28 lb (75 to 105 g/m2) envelopes
Optional auto-duplex unit: 16 to 28 lb (60 to 105 g/m2)

print orientation
Portrait, landscape, reverse landscape
Binding options: 2, 4, 9, 16 pages per sheet
Booklet printing with optional auto-duplex unit
N-up printing

control panel
Two-line backlit LCD display and three LEDs
Buttons: Go, Cancel Job, Menu, Item, Value, Select
Indicators: Ready, Data, Attention

font capabilities
110 scalable TrueType fonts (80 built-in), 30 via HP Fontsmart; all PCL and PostScript accessible
HP Fontsmart software for easy-to-use font management capabilities
Intellifont and built-in TrueType rasterizers

network connectivity
HP LaserJet 4100 printer:
Bidirectional IEEE 1284-compliant parallel interface
Two open EIO expansion slots for optional hp jetdirect 610n (EIO)
HP LaserJet 4100n, 4100tn, and 4100dtn printers:
Bidirectional IEEE 1284-compliant parallel interface
HP Jetdirect 610n (EIO) internal print server for Ethernet 10/100Base-TX
One open EIO expansion slot for optional HP and third-party accessories
Automatic switching between languages and ports
HP Web Jetadmin requires installation on one of the following network servers: Microsoft Windows NT, IBM OS/2 Warp, HP-UX or Solaris
HP fast infrared port and receiver (optional)

environmental ranges
Operating temperature: 10 to 35° C (50 to 91°F)
Storage temperature: 0 to 35° C (32 to 91°F)
Operating humidity: 20 to 80% RH non-condensing
Storage humidity: 10 to 95% RH non-condensing

power requirements
Source: 100 to 127 volts (±10%) or 220 to 240 volts (±10%)
Frequency: 50 or 60 Hz (±2Hz)

warranty
1-year return to hp or authorized dealer

ordering information

number	description
C8049A	HP LaserJet 4100 printer
C8050A	HP LaserJet 4100n network-ready printer
C8051A	HP LaserJet 4100tn network-ready additional tray printer
C8052A	HP LaserJet 4100dtn network-ready duplex printer
service and support	
H5479A	HP SupportPack—3-year, next-day onsite
H2669E	HP SupportPack—5-year, next-day onsite
H2657E	HP SupportPack—3-year, return-to-hp
H2659E	HP SupportPack—5-year, return-to-hp
C8057A	Preventative Maintenance Kit 110v
C8058A	Preventative Maintenance Kit 220v
supplies and accessories	
C8061X	10,000-page smart print cartridge
C8061A	6,000-page smart print cartridge
C4179A	HP LaserJet soft gloss paper, letter
92296T	HP LaserJet monochrome transparency, letter
HPJ1124	HP LaserJet paper, letter
J6054A	5 GB EIO disk drive
C4103A	Fast InfraRed receiver
C8053A	75-sheet envelope feeder
C8054A	Automatic duplex unit
C8055A	500-sheet paper feeder
C8056A	500-sheet universal tray
C7833A	HP Print-to-mail accessory
J4135A	HP Jetdirect connectivity card for USB, serial, and LocalTalk connections
memory	
C4286A	2 MB flash DIMM
C4287A	4 MB flash DIMM
C7842A	8 MB SDRAM DIMM
C7843A	16 MB SDRAM DIMM
C7845A	32 MB SDRAM DIMM
C7846A	64 MB SDRAM DIMM
C9121A	128 MB SDRAM DIMM
interface & cables	
C2951A	Parallel (25-pin male to 36-pin female) 3m/10 ft cable for HP Vectra, IBM PC/AT & compatibles
92215S	Macintosh serial cable
92215N	Macintosh network
hp Jetdirect internal print servers	
J3110A	Ethernet (10Base-T)
J3111A	Ethernet (10Base-T, 10Base2) and LocalTalk
J4167A	Token Ring
J4169A	Fast Ethernet (100Base-TX) and Ethernet (10Base-T)

dimensions (w x d x h)
HP LaserJet 4100 and 4100n: 15.3 x 19.9 x 13.6 in (390 x 507 x 346 mm)
HP LaserJet 4100tn:15.3 x 19.9 x 18.4 in (390 x 507 x 467 mm)
HP LaserJet 4100dtn printer: 15.3 x 21.2 x 18.4 in (390 x 538 x 467 mm)

weight
HP LaserJet 4100 printer: 37.5 lb (17 kg)
HP LaserJet 4100n printer: 38.5 lb (17.5 kg)
HP LaserJet 4100tn printer: 42.5 lb (19.3 kg)
HP LaserJet 4100dtn printer: 52.5 lb (23.9 kg)

product certification
UL and cUL listed to UL 1950/CSA 950; complies with IEC 950/EN 60950; meets Class B limits for FCC Part 15 and CISPR 22; product CDRH-certified Class 1 Laser Product (safe for office/EDP use); Euro Symbol (Ready), Energy Star, Blue Angel

acoustics:
Operating position: L_{pAm} = 58 dB (A) printing, L_{pAm} = 32 dB (A) Idle
Bystander position: L_{pAm} = 52 dB (A) printing, L_{pAm} = 26 dB (A) Idle
Sound power: L_{wAd} = 6.6 Bels (A) printing, L_{wAd} = 4.1 Bels (A) Idle
Acoustics are inaudible during powersave mode
Tests per ISO 9296 (ISO 7779)

system requirements
Compatible with Microsoft® Windows 3.1x, 95, 98, NT 4.0, 2000, HP-UX, Solaris, SunOS, IBM, OS/2 Warp, Mac® OS 7.5 and MS-DOS

For more information visit our Website at: www.hp.com/go/lj4100
HP peripherals, personal computers, supplies and accessories are available at authorized HP resellers worldwide.
In North America, call for the authorized HP reseller nearest you:
United States: 1-800-243-9812 Canada: 1-800-387-3867
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